

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

25W

in re Application of: Gondhalekar et al.

Application No: 10/825,831

Confirmation No: 9468

Filed: April 16, 2004

Title: GAS DELIVERY SYSTEM FOR

SEMICONDUCTOR PROCESSING

Group Art Unit: 2812

Examiner: Unknown

Attorney Docket No:

007728 USAP01/DSM/HDP/CVD/JW

December 6, 2004

San Francisco, California

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir/Madam:

Attached hereto is also a PTO-SB08 form listing documents believed relevant to the subject application and copies of the citations. It is respectfully requested that these documents be considered by the Examiner and an initialed copy of the form be returned to the undersigned.

Applicant believes this Information Disclosure Statement should be considered by the Office because it is being filed before the mailing of a first Office Action on the merits.

It is believed that no fee is due for the filing of this Information Disclosure Statement. However, if any fee is due, the Commissioner is hereby authorized to charge payment of any such fees to Deposit Account No. 10-0258.

Also, if any Petition is required for the filing of this Information Disclosure Statement, such Petition is requested herein.

It is believed that this disclosure complies with the requirements of 37 C.F.R. §§ 1.56, 1.97, and 1.98, and the Manual of Patent Examining Procedures §707.05(b). If for some

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as express mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Hilde Susan Jaegtnes

Date: December 6, 2004

007728 USAP01/DSM/HDP/CVD/LAP Appl. No.: 10/825,831

Page 2 of 2

reason the Examiner considers otherwise, it is respectfully requested that the undersigned be

called so that any deficiencies can be remedied.

Except for US patents and published US patent applications, a copy of each

document is enclosed.

Some of the documents may have markings thereon. No significance is meant to

be attached to the markings.

With regard to any translations which may be provided herewith, the undersigned

does not know how the translations were made, or by whom the translations were made.

Therefore, no representation is being made as to the accuracy of any translation.

These documents are not necessarily analogous.

Respectfully submitted,

JANAH & ASSOCIATES, P.C.

Date: December 6, 2004 By:

Ashok K. Janah Reg. No. 37,487

Please direct all telephone calls to:

Please continue to send all correspondence to:

Ashok K. Janah (415) 538-1555

Applied Materials, Inc.
Patent Department, M/S 2061

P.O. Box 450A

Santa Clara, CA 95052

Encl.

PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

er the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Substitute for form 1449/PTO

Sheet 1

ATEMI LAND

(Use as many sheets as necessary)

Complete if Known					
Application Number	10/825,831				
Filing Date	04/16/2004				
First Named Inventor	Gondhalekar et al.				
Art Unit	2812				
Examiner Name	Unknown				
Attorney Docket Number	007728 USAP01/DSM/HDP/CVD				

Examiner	Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where
Initials*	No.1	Number-Kind Code ^{2 (J known)}	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevan Figures Appear
		^{US-} 4,138,306	02-06-1979	Niwa	
		^{US-} 4,563,367	01-07-1986	Sherman	
		^{US-} 4,910,042	03-20-1990	Hokynar	
		^{US-} 4,913,929	04-03-1990	Moslehi et al.	
		^{US-} 4,988,644	01-29-1991	Jucha et al.	
		^{US-} 5,000,113	03-19-1991	Wang et al.	
		^{US-} 5,158,644	10-27-1992	Cheung et al.	
		^{US-} 5,346,579	09-13-1994	Cook et al.	
		^{US-} 5,350,480	09-27-1994	Gray	
		^{US-} 5,403,434	04-04-1995	Moslehi	
		^{US-} 5,662,770	09-02-1997	Donohoe	
_		^{US-} 5,688,357	11-18-1997	Hanawa	
		^{US-} 5,770,098	06-23-1998	Araki et al.	
		^{US-} 5,792,272	08-11-1998	van Os et al.	
		US- 5,812,403	09-22-1998	Fong et al.	
		^{US-} 5,844,195	12-01-1998	Fairbairn et al.	
		^{US-} 5,942,804	08-24-1999	Mohwinkel et al.	
		^{US-} 6,039,834	03-21-2000	Tanaka et al.	
		^{US-} 6,060,400	05-09-2000	Oehrlein et al.	

		FORE	IGN PATENT DOCL	JMENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	MM-DD-YYYY		Or Relevant Figures Appear	T ⁶
		DE 41 32 559 A1	04-08-1993	Siemens AG		
		EP 0 537 950 B1	04-02-1997	Applied Materials, Inc.		
	Ì	EP 0 552 491 A1	07-28-1993	Applied Materials, Inc.		
		EP 0 697 467 A1	02-21-1996	Applied Materials, Inc.		
		JP 1220434	09-04-1989	Tel Sagami Ltd.		
		JP 2125876	05-14-1990	Fujitsu Ltd.		

Examiner	Date		
Signature	Considered	r	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number. Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

of 13

Sheet 2

Complete if Known					
Application Number	10/825,831				
Filing Date	04/16/2004				
First Named Inventor	Gondhalekar et al.				
Art Unit	2812				
Examiner Name	Unknown				
Attornov Docket Number	007729 LICADOM/DOM/HDD/CVD				

			U. S. PATENT	DOCUMENTS	
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ^{2 (# known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		^{US-} 6,125,859	10-03-2000	Kao et al.	
		^{US-} 6,148,832	11-21-2000	Gilmer et al.	
		^{US-} 6,170,428 B1	01-09-2001	Redeker et al.	
		^{US-} 6,182,602 B1	02-06-2001	Redeker et al.	
		^{US-} 6,217,951 B1	04-17-2001	Mizuno et al.	
		US-			
		US-		-	
		US-			-

		FORE	IGN PATENT DOCU	IMENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
		Country Code ^{3 -} Number ^{4 -} Kind Code ⁵ (if known)	MM-DD-YYYY		Or Relevant Figures Appear	T ⁶
		JP 2125876	05-14-1990	Fujitsu Ltd.		
		WO 97/03223	01-30-1997	Watkins Johnson Company		
		WO 99/02754	01-21-1999	Applied Materials, Inc.		
		WO 99/03312	01-21-1999	Applied Materials, Inc.		

Examiner Signature	Date Con	e sidered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁶Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. PTO/SB/08B (08-03)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Substitu	Substitute for form 1449/PTO			Complete if Known		
				Application Number	10/825,831	
			CLOSURE	Filing Date	04/16/2004	
STA	STATEMENT BY APPLICANT			First Named Inventor	Gondhalekar et al.	
	(Use as many sheets as necessary)			Art Unit	2812	
	(edd do many one	0.0 00 .		Examiner Name	Unknown	
Sheet	3	of	3	Attorney Docket Number	007728 USAP01/DSM/HDP/CVD	

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		GRILL, Cold Plasma in Materials Fabrication, IEEE Press, 1994, pp.109-110, 160-163, New York	
_			

Examiner	Date	
Signature	Considered	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.